

# Hallway DALI-2 APC - concealed

PRESENCE DETECTOR

neva  
lux

EAN 4007841058029

67 x 103 x 103 mm



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Technical Data

| IDENTIFICATION          |                                                | Sneak-under protection     |  | Yes                       | Functions                                                                                                         | Semi-/fully automatic          |           |
|-------------------------|------------------------------------------------|----------------------------|--|---------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------|
| PU1 EAN                 | 4007841058029                                  | Segment-by-segment masking |  | No                        |                                                                                                                   | Constant-lighting control      |           |
| Material number         | 110062739                                      | Electronic scalability     |  | Yes                       |                                                                                                                   | Lighting scenario              |           |
| SAP designation         | PRAESENZMELDER<br>HALLWAY DALI-2 APC UP        | Mechanical scalability     |  | No                        |                                                                                                                   | Master/slave override          |           |
| Version                 | Presence detector                              | Radial range               |  | 25 x 3 m (75 m²)          |                                                                                                                   | Neighbouring group function    |           |
| Product name data sheet | Hallway DALI-2 APC - concealed                 | Tangential range           |  | 25 x 3 m (75 m²)          | TouchDIM function Normal / test mode Pushbutton / switch mode Manual ON / ON-OFF Constant-lighting control ON-OFF |                                |           |
| Product category        | Presence detector                              | Mounting height            |  | 2,00 – 4,00 m             |                                                                                                                   |                                |           |
| Discount group          | TP                                             | Optimal mounting height    |  | 2,8 m                     |                                                                                                                   |                                |           |
| Source                  | Steinel Excel                                  | Nevalux sensor technology  |  | BT Open Mesh, DALI 2      |                                                                                                                   |                                |           |
| DIMENSIONS              |                                                | CONNECTIVITY               |  |                           |                                                                                                                   |                                |           |
| Dimensions L x W x H    | 67 x 103 x 103 mm                              | Networking                 |  | Yes                       | Settings via                                                                                                      | Bluetooth                      |           |
| PU1 net weight          | 0.184                                          | Type of networking         |  | Master/slave              | With remote control                                                                                               | No                             |           |
| ELECTRICAL              |                                                | Networking via             |  | Bluetooth DALI bus        | Twilight setting teach                                                                                            | No                             |           |
| Mains connection        | 220 – 240 V / 50 – 60 Hz                       | LIGHTING TECHNOLOGY        |  |                           |                                                                                                                   | Base light function in percent | 10 – 90 % |
| Supply voltage detail   | max. 64 users                                  | Soft light start           |  | Yes                       | Base light function percent from                                                                                  | 10                             |           |
| Control output DALI     | Addressable / broadcast 64 electronic ballasts | Continuous light           |  | selectable                | Base light function percent to                                                                                    | 90                             |           |
| SENSOR TECHNOLOGY       |                                                | Constant light regulation  |  | Yes                       | HOUSING & MATERIAL                                                                                                |                                |           |
| Max. mounting height    | 4,00 m                                         | SETTINGS                   |  |                           |                                                                                                                   | Protection class (IP)          | IP20      |
| Sensor technology       | High frequency                                 | Twilight switch            |  | Yes                       | Ambient temperature                                                                                               | from -20 up to 50 °C           |           |
| Transmission power      | < 1 mW                                         | Twilight setting           |  | 2 – 2000 lx               | Mounting location                                                                                                 | ceiling                        |           |
| HF technology           | 5,8 GHz                                        | Time setting               |  | 10 s – 60 Min.            | Application location                                                                                              | Indoors                        |           |
| With motion detector    | Yes                                            | Base light function        |  | Yes                       | Mounting type                                                                                                     | Concealed wiring               |           |
| Detection               | also through glass, wood and stud walls        | Base light function time   |  | 10 min, all day all night | Material                                                                                                          | Plastic                        |           |
| Detection angle         | 360 °                                          | Main light adjustable      |  | 50 - 100 %                | Application room                                                                                                  | Indoors corridor / aisle       |           |
| Opening angle           | 140 °                                          |                            |  |                           |                                                                                                                   | Colour                         | white     |
|                         |                                                |                            |  |                           |                                                                                                                   | RAL colour                     | 9003      |
|                         |                                                |                            |  |                           |                                                                                                                   | SCOPE OF DELIVERY & WARRANTY   |           |
|                         |                                                |                            |  |                           |                                                                                                                   | Manufacturer warranty          | 5 years   |
|                         |                                                |                            |  |                           |                                                                                                                   | Corner wall bracket included   | No        |
|                         |                                                |                            |  |                           |                                                                                                                   | CERTIFICATES & EPREL           |           |
|                         |                                                |                            |  |                           |                                                                                                                   | Certificates                   | DALI-2    |

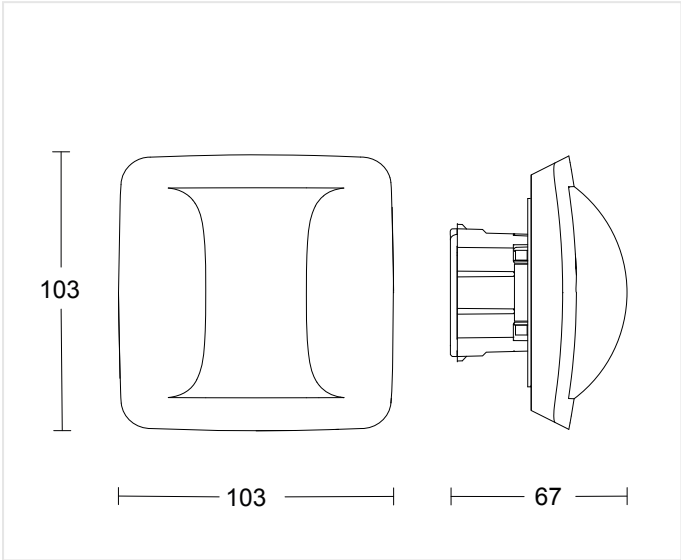
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Illustrations

TECHNICAL DRAWINGS



67 x 103 x 103 mm

MOUNTING HEIGHT

|                          |                  |               |
|--------------------------|------------------|---------------|
| 2,00 – 4,00 m<br>BEREICH | 2,8 m<br>OPTIMAL | 4,00 m<br>MAX |
|--------------------------|------------------|---------------|

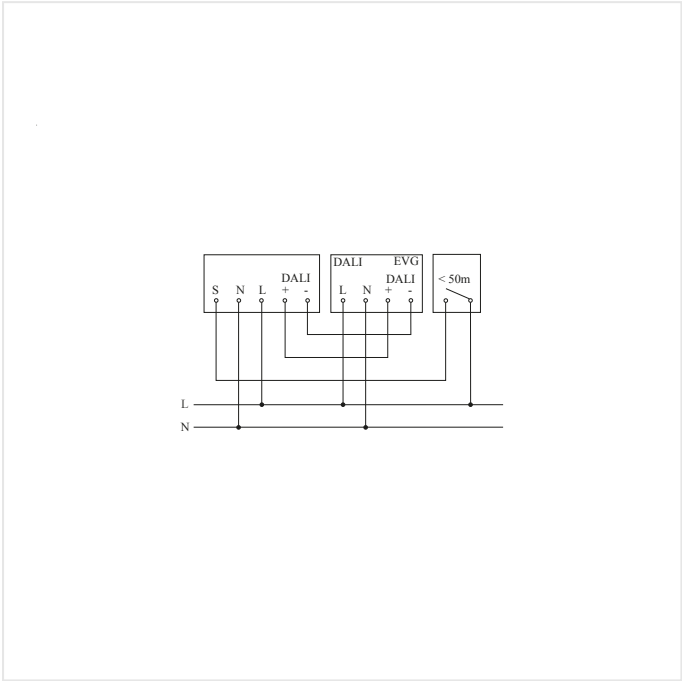
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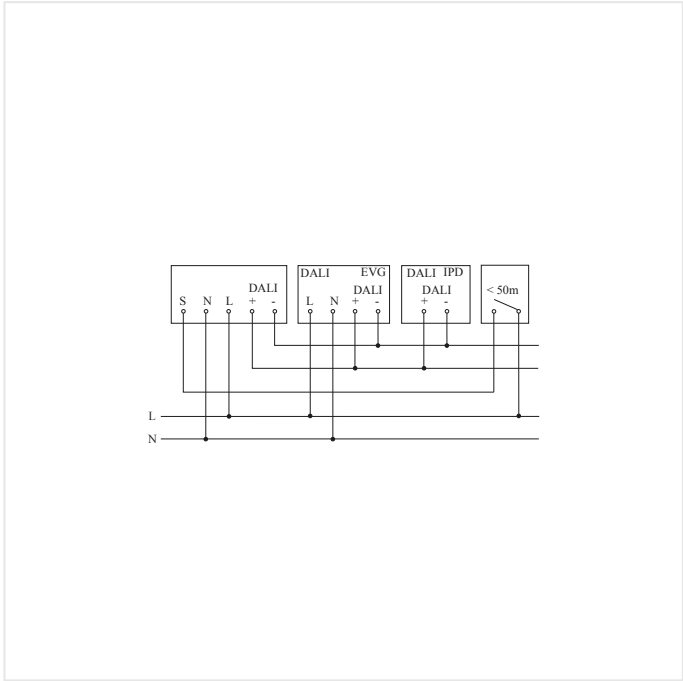
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/slave interconnection circuit diagram

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## Highlights



UV-resistant plastic

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Accessories

|                                                                                                                                    |                                |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| ORDERING INFORMATION                                                                                                               |                                |
| Art.-Nr.                                                                                                                           | 058029                         |
| EAN                                                                                                                                | 4007841058029                  |
| Typ                                                                                                                                | Hallway DALI-2 APC - concealed |
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